## INTERNATIONAL SEARCH REPORT

International Application No

PCT/BE2005/000010

| According to International Platent Classification (IPC) or to both national classification and IPC  FIELDS SEARCHED  BritLOS SEARCHED  Minimum focurrentiation searched (classification system followed by classification symbols)  IPC 7 G91C  Decurrentiation searched classification system followed by classification symbols)  Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  EPO-Internal, WPI Data, INSPEC, PAJ  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Calegory 1 Cladedor of document, with indication, where appropriate, of the relovant passages  X US 6 395 221 B1 (HUTCHINGS LAWRENCE J)  23 October 2001 (2001-10-23)  Column 7, 1 inc 34  Column 7, 1 inc 34  Column 7, 1 inc 51 - column 8, 1 inc 26  Column 24, 1 inc 61 - 1 inc 48  Column 24, 1 inc 61 - 1 inc 48  Column 24, 1 inc 4 - 1 inc 15  -/  **Comment of thing the general state of the art which is not considered by the profitor of the state of enabled or which is easied to seablish the publishier or demander of the profits of the state of enabled or column 25, 1 inc 48  Column 26, 1 inc 4 - 1 inc 15  -/  **Column 26, 1 inc 4 - 1 inc 16  C     |  |   | C1\BE5002\000010  |
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| PRIEDS SEARCHED   Millions and counterballon searched (plassification system followed by classification symbols)   | A. CLASSIFICATION OF SUBJECT MATTER<br>IPC 7 G01C22/00 G01C21/16   |   |   |
| PRELOS SEARCHED   Information searched (plassification system followed by classification symbols)  |  |   |   |
| Minimum documentation searched (classification system followed by classification symbols)  Decumentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (carrie of data base and, where practical, search terms used)  EPO-Internal, WPI Data, INSPEC, PAJ  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Cotegory*  Category*  Category |  | assification and IPC  |   |
| Documentation searched other than minimum documentation to the extent that such documents are included in the folds searched  Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  EPO-Internal, WPI Data, INSPEC, PAJ  Collegory* Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.  X US 6 395 221 B1 (HUTCHINGS LAWRENCE J) 1-9, 23 October 2001 (2001-10-23) 11-14  column 7, line 34 column 7, line 35 - column 14, line 16 column 23, line 25 - column 14, line 16 column 23, line 23 - line 48 column 24, line 61 - line 65 column 26, line 4 - line 15  -/  **Popelal categories of citled documents:  **A' document officing the general state of the art which is not considered to be of paticular relevance  **Counternal for expectational property in the construction of the property date and not be considered to excellate the publication date of another obtains or orther appellareation. (is specified) or which is cited to excellate the publication date of another obtains or orther appellareation. (is specified) or which is cited to excellate the publication date of another obtains or orther appellareation. (is specified) or which is cited to excellate the publication date of another obtains or orther appellareation. (is specified) or which is cited to excellate the publication date of another obtains or orther appellareation. (is specified) or which is cited to excellate the publication date of another obtains or orther appellareation. (is specified) or which is cited to excellate the publication date of another obtains or orther appellareation. (is specified) or which is cited to excellate the publication date of another obtained in the publication date of another obtained in the activity of publication date of another obtained invention.  **Columnant of particular relevance; the claimed invention cannot be general date of a nother obtained in the activity of particular and the publication date of anothe   |  | sification symbols)   |   |
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| EPO-Internal, WPI Data, INSPEC, PAJ  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category*  Otation of document, with indication, where appropriate, of the relevant passages  X  US 6 305 221 B1 (HUTCHINGS LAWRENCE J) 23 October 2001 (2001-10-23) 11-14  Column 7, line 34 Column 13, line 55 - column 8, line 20 Column 23, line 23 - line 48 Column 23, line 23 - line 48 Column 26, line 4 - line 15  Column 27, line 51 - line 48 Column 26, line 4 - line 15  -/  **Openial categories of cited documents:  **Openial categories of cited docum   | Documentation searched other than minimum documentation to the extent  | that such documents are included                                | in the fields searched  |
| EPO-Internal, WPI Data, INSPEC, PAJ  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category*   Oltation of document, with indication, where appropriate, of the relevant passages   Relevant to claim No.  X   | Electronic data base consulted during the international search (name of da   | ata base and, where practical, sear                             | ch terms used)  |
| Category*   Citation of document, with indication, where appropriate, of the relevant passages   Relevant to claim No.   | EPO-Internal, WPI Data, INSPEC, PAJ  |   |   |
| X  | C. DOCUMENTS CONSIDERED TO BE RELEVANT   |   |   |
| X   Further documents are listed in the continuation of box 0.   X   Patent family members are listed in annex.  | Category Citation of document, with indication, where appropriate, of t  | he relevant passages  | Relevant to claim No.   |
| Column 13, line 55 - column 14, line 16 column 23, line 23 - line 48 column 24, line 61 - line 66 column 26, line 4 - line 15  -/  *Special categories of cited documents:  **Gocument defining the general state of the art which is not considered to be of periodial relevance  **Special categories of cited documents:  **Gocument defining the general state of the art which is not considered to be of periodial relevance  **E* ovarier document but published on or after the international filing date or priority date and not in conflict with the application but distor or other special reason (as appecified)  **Cocument referring to an oral disclosure, use, exhibition or other reasons  **P* document trained in the published contained filing date but later than the priority date claimed invention cannot be considered to line or annot be considered to line or annot be considered to line or annot be considered to line or more other each of course to particular relevance; the claimed invention cannot be considered to line or more other each of course to particular relevance in the cannot be considered to line or more other each of course the combination being obvious to a person skilled in the art.  **Coursent published prior to the international search  **Dear of the actual completion of the international search  27 May 2005  Name and mailing address of the ISA  European Patant Office, P.B. 5818 Patentiana 2  NL -2280 HV Rijavijk  Tel. (+31-70) 340-2040, Tx. 31 551 epo nl,  Hunt 1]  Hunt 1]  | 23 October 2001 (2001-10-23)   | WRENCE J)   |   |
| X   Further documents are listed in the continuation of box C.   X   Patent family members are listed in annex.  | column 7, line 51 - column 8, column 13, line 55 - column 1 column 23, line 23 - line 48 column 24, line 61 - line 66                          |   |   |
| *Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the International search  27 May 2005  Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2  NL - 2280 HV Rijswijk  Tel. (431-70) 340-2040, Tx. 31 651 epo nl,  "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the considered to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or cannot be considered to vol or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents or cannot be considered to involve an inventive step when the document is combined with one or more other such documents or cannot be considered to involve an inventive step when the document is combined with one or more other such documents.  "X" document  | column 26, line 4 - line 15  | -/  |   |
| *Special categories of cited documents:  *A* document defining the general state of the art which is not considered to be of particular relevance  *E* earlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention filing date  *L* document which may throw doubts on priority claim(e) or which is cited to establish the publication date of another citation or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other means  *P* document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the International search  27 May 2005  Name and mailing address of the ISA  *European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijewijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  *It alter document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the consolidered novel or cannot be considered to involve an inventive step when the document is taken alone which is cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or cannot be considered to unvolve an inventive step when the document is combined with one or more other such documents is combined with one or more other such documents and the principle or cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such and the principle or theory cannot be considered to involve an inventive step when th |  | •   |   |
| *Special categories of cited documents:  *A* document defining the general state of the art which is not considered to be of particular relevance  *E* earlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention filing date  *L* document which may throw doubts on priority claim(e) or which is cited to establish the publication date of another citation or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other means  *P* document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the International search  27 May 2005  Name and mailing address of the ISA  *European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijewijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  *It alter document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the consolidered novel or cannot be considered to involve an inventive step when the document is taken alone which is cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or cannot be considered to unvolve an inventive step when the document is combined with one or more other such documents is combined with one or more other such documents and the principle or cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such and the principle or theory cannot be considered to involve an inventive step when th |  |   |   |
| *Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention filing date  "L" document which may throw doubts on priority claim(e) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the International search  27 May 2005  Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  T"" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the considered to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or cannot be considered to involve an inventive step when the document is taken alone  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents is combined with one or more other such documents is combined with one or more other such documents and inventive step when the document is combined to involve an inventive step when the document is combined in the art.  "S" docu | ·  |   |   |
| Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention filing date  "L" document which may throw doubts on priority claim(e) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the International search  27 May 2005  Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijewijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Hunt 1   |  |   |   |
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| filing date  "L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the International search  27 May 2005  Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Tel. (431-70) 340-2040, Tx. 31 651 epo nl,  Tel. (431-70) 340-2040, Tx. 31 651 epo nl,  Earopean Patent Office, P.B. 5818 Patentlaan 2  NL - 210 Authorized officer  cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone involve an inventive step when the document is taken alone with one or more other such document is combined involve an inventive step when the document is taken alone involve an inventive step when the document is taken alone without an inventive step when the document is taken alone involve an inventive step when the document is taken alone involve an inventive step when the document is taken alone involve an inventive step when the document of particular relevance; the claimed inventive step when the document is taken alone involve an inventive step when the document of particular relevance; the claimed inventive step when the document of particular relevance; the claimed inventive step when the document of particular relevance; the claimed inventive step when the document of particular relevance; the claimed inventive step when the document of particular relevance; the claimed inventive step when the document of particular relevance; the claimed inventive step when the document is active alone inventive step when t | "A" document defining the general state of the art which is not considered to be of particular relevance                                       | or priority date and not<br>cited to understand the             | t in conflict with the application but  |
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